

به نام خدا

رزومه علمی-پژوهشی

عباس سعادتمندی

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تحصیلات

- دکترای: رشته ریاضی کاربردی (گرایش آنالیز عددی و کنترل)
نام دانشگاه: دانشگاه صنعتی امیرکبیر
عنوان رساله: استفاده از توابع سینک و هارتلی در روشهای طیفی
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افتخارات

- پژوهشگر نمونه دانشگاه کاشان در سالهای ۱۳۹۹، ۱۳۹۵، ۱۳۹۳، ۱۳۹۱، ۱۳۸۹
- استاد نمونه آموزشی دانشگاه کاشان در سال ۱۳۹۱
- انتخاب به عنوان پژوهشگر یک درصد برتر بین المللی در سال های ۲۰۱۸، ۲۰۱۷، ۲۰۱۵
- ۲۰۱۹ و ۲۰۲۰
- انتخاب به عنوان پژوهشگر دو درصد برتر بین المللی در سال های ۲۰۲۰، ۲۰۲۱، ۲۰۲۲
- ۲۰۲۳ و ۲۰۲۴

زمینه‌های تحقیقاتی مورد علاقه

- روشهای طیفی
- توابع سینک
- محاسبات کسری
- حل عددی معادلات دیفرانسیل و انتگرال

سوابق پژوهشی (دانشگاهی و کاری)

- تالیف کتاب مبانی آنالیز عددی در سال ۹۴ (به همراه دو نفر دیگر)
- تالیف کتاب ریاضی عمومی ۱ در سال ۸۴ (به همراه سه نفر دیگر)
- چاپ بیش از ۷۰ مقاله در مجله های معتبر بین المللی (ISI, ISC)
- هدایت تحصیلی و پژوهشی بیش از ۲۴ دانشجوی کارشناسی ارشد و دکتری

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سوابق داوری مجلات و همایش‌ها

Applications and Applied Mathematic
Applied Mathematical Modelling
Bulletin of the Iranian Mathematical Society
Communications in Numerical Analysis
Computational Methods for Differential Equations
Computers and Mathematics with Applications
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Inverse Problems in Science & Engineering
Iranian Journal of Mathematical Chemistry
Iranian Journal of Numerical Analysis and Optimization
Iranian Journal of Science and Technology
Journal of Computational and Applied Mathematics
Mathematical Communications
Mathematical Methods in the Applied Sciences
Numerical Algorithms
Scientia Iranica

✓ تدریس درس محاسبات عددی و آنالیز عددی ۱ و ۲ در سال های ۷۹ تا ۸۳ در دانشگاه صنعتی

امی کبی

✓ تدریس درس های آنالیز عددی ۱ و ۲، معادلات دیفرانسیل، محاسبات عددی، ریاضیات عمومی

۱ و ۲، ریاضیات مهندسی و جبر خطی برای دوره کارشناسی

✓ تدریس درس های آنالیز عددی پیشرفته، نظریه تقریب، جبر خطی عددی، حل عددی PDE،

حل عددی معادلات انتگرال، حل عددی ODE، محاسبات کسری و روش عناصر متناهی

برای دوره کارشناسی ارشد و دکتری در دانشگاه کاشان از سال ۸۳ تا کنون